

**User Story Number:** US005.12

**User Story Name:** DBQ Maximum Records Returned

**Priority:** High

**ClearQuest Number:** DAS\_CR255

**Author:** James Picker/Business Analyst

**Story:** As a consuming application/user of exam results, I want producing applications (i.e., Health Data Repository [HDR]) to limit the number of list results (first pass) returned to five hundred (500) for Disability Benefits Questionnaire (DBQ) queries, so that VLER DAS can optimize performance, and ensure usability.

### Revision History

Date	Version	Description	Author
08/17/2012	v0.01	Original	James Picker
08/21/2012	v0.02	Analyst Review	James Picker
09/21/2012	v0.03	Peer Review	James Picker
09/26/2012	v0.04	Technical Writer Review	David Malmstrom
09/28/2012	v0.05	DAS PM Review	Stephen Pelchar Ken Brunetto
10/18/2012	v1.0	Formal Review – Approved	Joshua Lawton- Belous
12/19/2012	v2.0	Re-numbered from US004.16 to US005.12 under the retrieve epic story	Janice Clayton
12/27/2012	v2.1	Change number of maximums results from 5,000 to 500	Janice Clayton
1/2/2013	v2.1	Peer/DAS PM Review via email	Janice Clayton
1/3/2013	v3.0	Formal Review – Approved	William G. Jackson
1/3/2013	v3.0	Formal Review – Approved via email	Steven Green

## Background

The DBQ Service is currently required to support 100,000 new DBQ claims per month, with a higher growth factor expected in the future. VLER DAS, as the middleware component of the DBQ service, enables the storage and retrieval of DBQs.<sup>1</sup>

Consuming applications can query VLER DAS for exam results (i.e., DBQs and attachments) using various filter criteria configurations. Of these filter configurations, many (e.g., VA Facility ID, Physician Name, and Status) have the potential to return a significant number of results.

For example, if a Veterans Benefit Administration (VBA) Ratings Specialist submitted a query for exam results with a date range of 6 months and a status of "Complete" there potentially could be hundreds of thousands of exam results meeting this criteria. Therefore, a maximum results limitation must be included in order to prevent VLER DAS from being overwhelmed.

The maximum results value and ordering requirements described in this story were agreed upon by the DBQ Service participants (i.e., consuming applications, VLER DAS, the Health Data Repository (HDR)). The maximum results value of 500 allows the DBQ Service participants to function within performance requirements, while also providing the consuming applications with adequate information needed to adjudicate disability claims.

## Conversation

1. VLER DAS receives a maximum of 500 results in reverse chronological order by Creation Date (i.e., the most recent 500 results are returned) in the first pass pick-list from HDR, and sends the pick-list to the consuming application.
2. If the 500 maximum result limit is reached, then VLER DAS receives a message as part of the pick-list stating '500 Max Record Limit Reached' from HDR, and sends the message to the consuming application.

## Detailed Listing of Acceptance Criteria

Requirement ID	Description
US005.12.01	VLER DAS receives a maximum of 500 results in reverse chronological order by Creation Date (i.e., the most recent 500 results are returned) in the first pass pick-list from HDR, and sends the pick-list to the consuming application.
US005.12.02	If the 500 maximum result limit is reached, then VLER DAS receives a message as part of the pick-list stating '500 Max Record Limit Reached' from HDR, and sends the message to the consuming application.

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<sup>1</sup> Disability Benefits Questionnaires (DBQs) Services Work Effort Unique Identifying # 20111209 Business Requirements Document, 03/09/2012, Section 7.3.1.2, Pg. 24

**Constraints**

None at present.

**Attachment A. Approval Signatures**

X

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Steven Lee Green  
FIST Program Manager

X

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Joshua Lawton-Belous  
Product Owner Representative

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